

Method of operating portable global positioning system (GPS)-based navigation and emergency call system e.g. for medical purposes

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The method is used to operate a portable GPS assisted location and emergency call system wherein an emergency call signal can be transmitted from several portable transmitters and, at the same time, the transmitter can be located using GPS. The emergency call signal is put out over a public mobile radio network. The emergency call signal is received only by a regional central receiver station. A bidirectional voice and/or data connection over the mobile radio network is provided between the respective transmitter and the receiver station and is maintained until a release signal specific to the emergency call transmitter is provided e.g. from an emergency service, to lift the speech connection.

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